

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723661

Luminaire Tested: **IFLD-L-SA8D-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723661
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	24681 lumens	Max Intensity:	580657.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	50.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	8950.4 lumens	Field Lumens:	14268.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

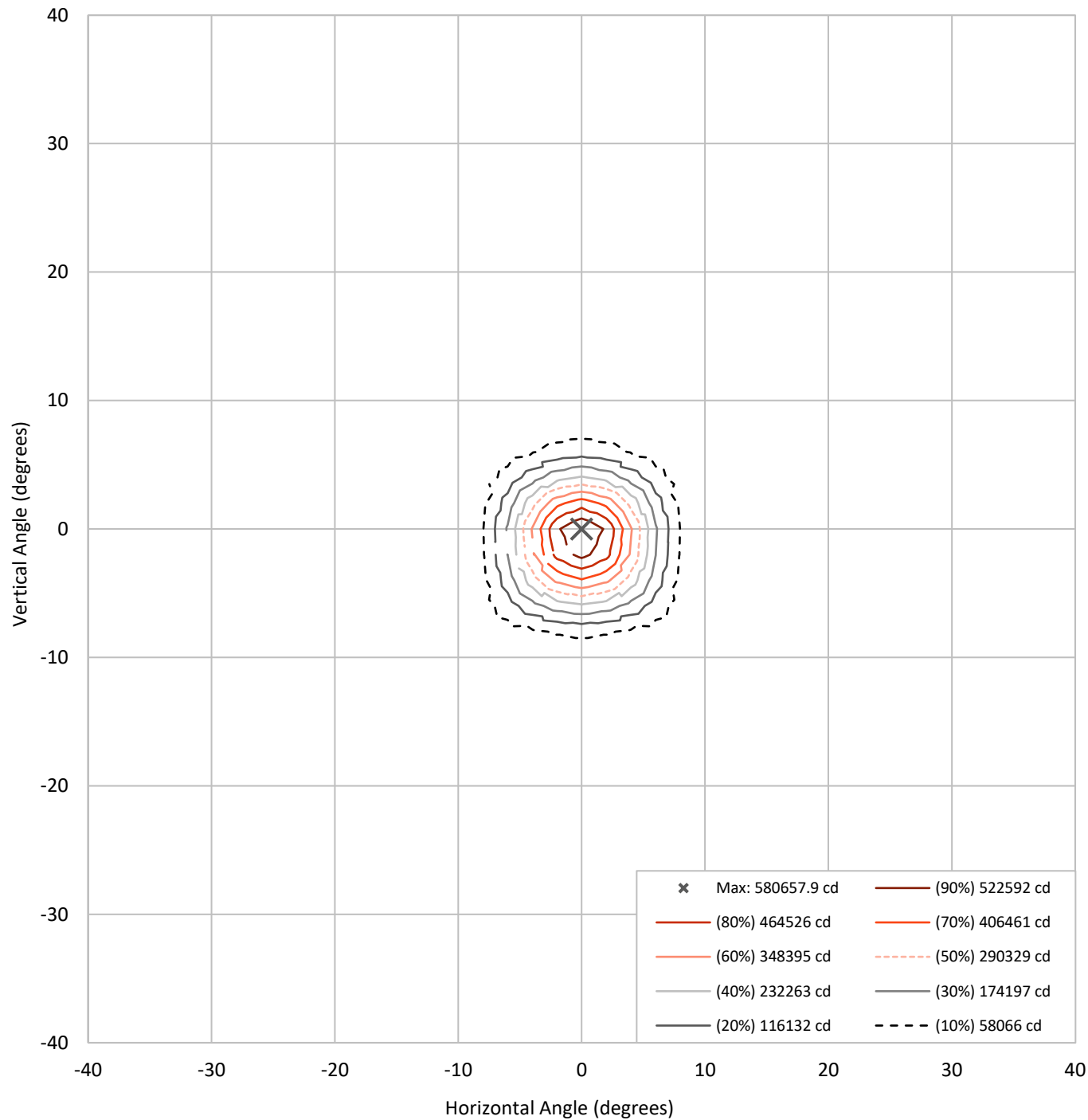
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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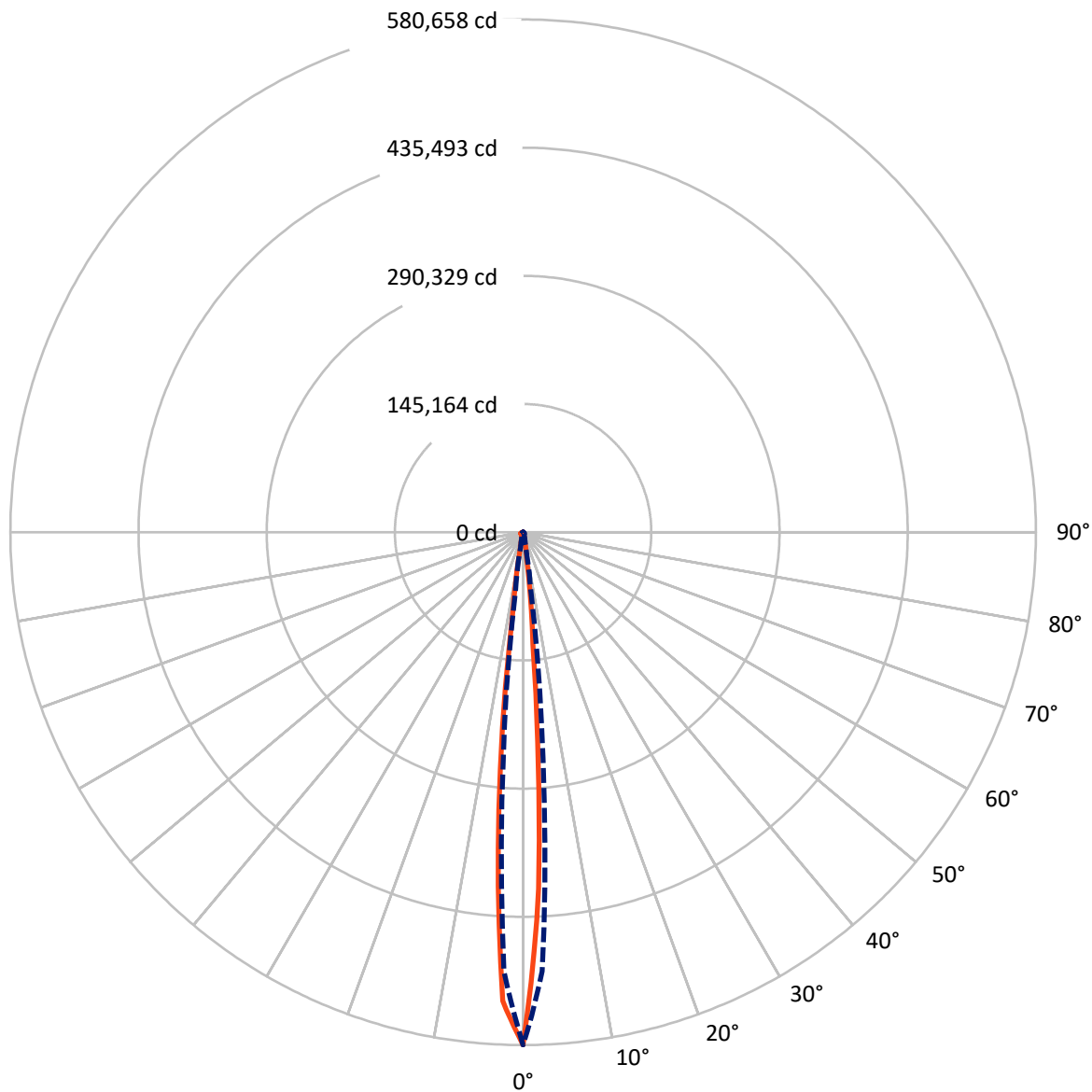
Lumen Table

90																			
80	0.4	5.5		6.0		2.3		0.6		2.3		6.0		5.5		0.4			
70																			
60	0.6	1.2	1.6	1.2	1.0	0.8	0.6	0.4	0.4	0.6	0.8	1.0	1.2	1.6	1.2	0.6			
50		0.8	1.1	2.9	6.4	10.4	13.4	15.3	15.3	13.4	10.4	6.4	2.9	1.1	0.8				
40	0.6	0.8	3.4	11.2	22.1	32.4	39.0	43.2	43.2	39.0	32.4	22.1	11.2	3.4	0.8	0.6			
30		1.7	8.6	23.1	37.5	44.1	47.6	49.3	49.3	47.6	44.1	37.5	23.1	8.6	1.7				
20	1.0	3.2	14.6	33.6	43.5	44.8	52.8	63.6	63.6	52.8	44.8	43.5	33.6	14.6	3.2	1.0			
10		5.0	20.5	41.3	46.4	52.3	91.9	156.6	156.6	91.9	52.3	46.4	41.3	20.5	5.0				
0	1.6	6.5	25.2	45.4	48.1	64.6	174.8	3240.0	3240.0	174.8	64.6	48.1	45.4	25.2	6.5	1.6			
-10		7.6	27.6	47.6	49.9	66.8	188.3	4724.2	4724.2	188.3	66.8	49.9	47.6	27.6	7.6				
-20	2.4	8.2	28.3	50.2	54.0	60.2	109.5	210.1	210.1	109.5	60.2	54.0	50.2	28.3	8.2	2.4			
-30		7.7	26.9	50.8	60.6	60.7	70.9	86.5	86.5	70.9	60.7	60.6	50.8	26.9	7.7				
-40	2.6	6.8	23.7	48.6	66.6	72.6	75.6	76.2	76.2	75.6	72.6	66.6	48.6	23.7	6.8	2.6			
-50		6.0	19.1	41.2	64.3	78.1	87.6	91.8	91.8	87.6	78.1	64.3	41.2	19.1	6.0				
-60	2.1	5.4	14.7	32.0	54.8	73.6	85.5	90.4	90.4	85.5	73.6	54.8	32.0	14.7	5.4	2.1			
-70		5.0	13.0	26.1	45.7	64.3	77.9	84.1	84.1	77.9	64.3	45.7	26.1	13.0	5.0				
-80	0.9	15.3		45.5		84.2		93.0		84.2		45.5		15.3		0.9			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



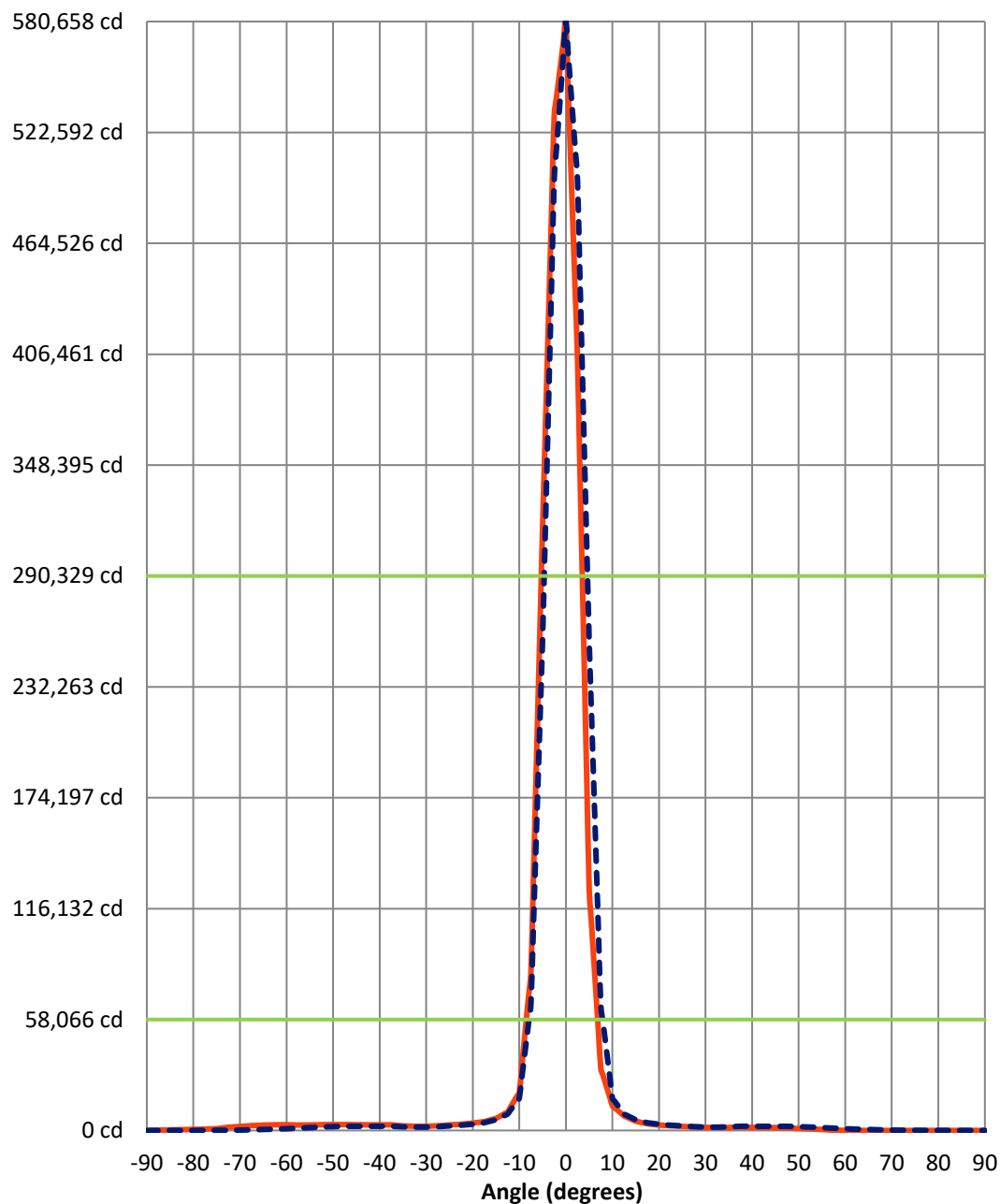
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8950.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 14268.6

Efficiency: 57.8%

Spill:

Lumens: 10412.4

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	11.4	11.4	11.4	17.1	22.8	28.5	28.5	34.2
82.5°	0.0	5.7	5.7	11.4	11.4	17.1	17.1	28.5	34.2	39.9	51.3
80°	5.7	5.7	5.7	11.4	11.4	17.1	17.1	22.8	28.5	39.9	45.6
77.5°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	17.1	22.8	28.5	34.2
75°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	11.4	17.1	17.1	22.8
72.5°	0.0	0.0	0.0	5.7	5.7	11.4	11.4	11.4	17.1	17.1	17.1
70°	0.0	0.0	0.0	5.7	5.7	11.4	11.4	11.4	17.1	17.1	17.1
67.5°	0.0	0.0	0.0	5.7	5.7	11.4	11.4	11.4	17.1	17.1	17.1
65°	0.0	0.0	0.0	5.7	5.7	11.4	11.4	17.1	17.1	17.1	17.1
62.5°	5.7	5.7	5.7	11.4	17.1	17.1	22.8	28.5	28.5	28.5	28.5
60°	57.0	62.7	68.4	68.4	62.7	62.7	68.4	68.4	68.4	68.4	68.4
57.5°	153.8	165.2	170.9	170.9	170.9	165.2	188.0	193.7	170.9	159.5	176.6
55°	535.6	552.7	541.3	524.2	490.0	450.1	438.7	433.0	438.7	410.2	364.6
52.5°	780.6	797.7	792.0	780.6	757.8	729.3	706.5	683.7	660.9	615.3	564.1
50°	1014.2	1019.9	1014.2	1002.8	980.0	951.5	905.9	854.6	809.0	797.7	752.1
47.5°	1276.2	1293.3	1293.3	1287.6	1270.5	1219.3	1150.9	1076.8	1042.6	1031.3	985.7
45°	1509.8	1521.2	1526.9	1532.6	1526.9	1475.7	1413.0	1373.1	1299.0	1276.2	1276.2
42.5°	1572.5	1578.2	1583.9	1589.6	1606.7	1566.8	1515.5	1447.2	1430.1	1424.4	1413.0
40°	1595.3	1583.9	1589.6	1595.3	1601.0	1572.5	1532.6	1492.8	1481.4	1470.0	1470.0
37.5°	1811.8	1760.5	1720.7	1686.5	1658.0	1629.5	1589.6	1555.4	1526.9	1504.1	1526.9
35°	1544.0	1544.0	1583.9	1618.1	1652.3	1686.5	1692.2	1652.3	1589.6	1561.1	1601.0
32.5°	1578.2	1578.2	1578.2	1589.6	1601.0	1629.5	1658.0	1675.1	1720.7	1669.4	1669.4
30°	1612.4	1618.1	1629.5	1635.2	1618.1	1606.7	1595.3	1595.3	1623.8	1697.9	1737.7
27.5°	1811.8	1811.8	1794.7	1771.9	1720.7	1640.9	1601.0	1544.0	1549.7	1583.9	1680.8
25°	2136.6	2125.2	2085.3	2028.3	1937.2	1823.2	1715.0	1595.3	1544.0	1526.9	1566.8
22.5°	2444.2	2427.1	2375.9	2324.6	2250.5	2136.6	1954.3	1771.9	1612.4	1544.0	1526.9
20°	2837.4	2797.5	2740.5	2660.7	2541.1	2427.1	2267.6	2028.3	1794.7	1618.1	1549.7
17.5°	3469.8	3418.5	3310.3	3167.8	2962.7	2786.1	2558.2	2330.3	2068.2	1783.3	1629.5
15°	4854.3	4723.3	4535.2	4142.1	3737.6	3401.4	3059.6	2677.8	2410.1	2034.0	1800.4
12.5°	7634.7	7275.7	6728.8	5811.5	4905.6	4125.0	3572.4	3082.4	2649.4	2301.8	1971.3
10°	12922.0	12152.8	10643.0	8136.1	6466.7	5030.9	4039.5	3384.3	2837.4	2478.4	2113.8
7.5°	32681.0	26658.7	18864.5	12882.1	8460.8	6147.6	4620.7	3669.2	3036.8	2592.4	2227.7
5°	127373.9	104925.7	55972.5	23359.9	12728.3	7435.3	5144.9	3897.1	3167.8	2677.8	2313.2
2.5°	404245.3	349093.2	183152.7	50286.4	15628.3	8375.4	5503.8	4039.5	3241.9	2740.5	2375.9
0°	580657.9	497644.9	257044.0	66136.9	16950.1	8614.7	5617.8	4068.0	3253.3	2751.9	2375.9
-2.5°	531203.3	464906.9	248304.0	61544.7	17320.5	8683.0	5708.9	4164.9	3338.8	2803.2	2393.0
-5°	315637.4	276860.0	173210.6	43882.4	15389.0	8062.0	5469.6	4079.4	3281.8	2774.7	2381.6
-7.5°	83161.1	71994.0	47357.9	22898.4	9959.3	6819.9	5025.2	3937.0	3207.7	2723.4	2336.0
-10°	20049.6	19001.3	16972.9	10403.7	7754.3	5697.5	4455.5	3680.6	3059.6	2655.0	2261.9
-12.5°	9668.7	9440.8	8569.1	7064.9	5754.5	4734.6	4033.8	3412.8	2922.8	2535.4	2159.4
-15°	6290.1	6159.0	5862.8	5287.3	4620.7	4130.7	3640.7	3139.3	2751.9	2358.8	2073.9
-17.5°	4654.9	4649.2	4501.0	4284.5	3954.1	3589.4	3230.5	2911.4	2535.4	2199.2	1982.7
-20°	3857.2	3857.2	3771.8	3629.3	3395.7	3156.4	2917.1	2620.9	2313.2	2062.5	1971.3

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3276.1	3281.8	3236.2	3145.0	3019.7	2820.3	2586.7	2347.4	2125.2	2034.0	2005.5
-25°	2900.0	2888.6	2837.4	2751.9	2620.9	2461.3	2307.5	2148.0	2085.3	2062.5	2102.4
-27.5°	2455.6	2472.7	2449.9	2410.1	2324.6	2210.6	2176.5	2130.9	2142.3	2176.5	2330.3
-30°	2193.5	2210.6	2233.4	2250.5	2222.0	2193.5	2204.9	2239.1	2313.2	2444.2	2501.2
-32.5°	2193.5	2199.2	2233.4	2267.6	2284.7	2307.5	2370.2	2484.1	2592.4	2558.2	2546.8
-35°	2393.0	2375.9	2421.4	2467.0	2529.7	2609.5	2677.8	2655.0	2615.2	2603.8	2615.2
-37.5°	2962.7	2854.5	2808.9	2780.4	2763.3	2751.9	2734.8	2717.7	2700.6	2689.2	2706.3
-40°	2957.0	2928.5	2900.0	2877.3	2860.2	2837.4	2826.0	2820.3	2803.2	2791.8	2780.4
-42.5°	2945.6	2957.0	2957.0	2951.3	2957.0	2951.3	2934.2	2911.4	2882.9	2860.2	2837.4
-45°	3031.1	3036.8	3048.2	3059.6	3076.7	3053.9	3019.7	2979.8	2939.9	2905.7	2877.3
-47.5°	3082.4	3088.1	3099.5	3116.5	3127.9	3105.2	3059.6	3008.3	2945.6	2888.6	2831.7
-50°	3099.5	3116.5	3122.2	3122.2	3116.5	3088.1	3019.7	2945.6	2877.3	2820.3	2769.0
-52.5°	3019.7	3036.8	3042.5	3031.1	3025.4	2996.9	2934.2	2865.9	2791.8	2751.9	2706.3
-55°	2888.6	2911.4	2928.5	2928.5	2928.5	2922.8	2865.9	2803.2	2746.2	2700.6	2655.0
-57.5°	2837.4	2877.3	2911.4	2917.1	2922.8	2928.5	2888.6	2826.0	2757.6	2689.2	2632.3
-60°	3025.4	3059.6	3076.7	3053.9	3036.8	3019.7	2957.0	2882.9	2814.6	2746.2	2638.0
-62.5°	2974.1	3031.1	3059.6	3042.5	3019.7	2991.2	2922.8	2837.4	2757.6	2683.5	2575.3
-65°	2808.9	2860.2	2894.3	2865.9	2831.7	2791.8	2729.1	2649.4	2575.3	2501.2	2404.4
-67.5°	2529.7	2603.8	2660.7	2598.1	2552.5	2501.2	2449.9	2381.6	2307.5	2222.0	2130.9
-70°	2091.0	2148.0	2199.2	2182.2	2170.8	2159.4	2125.2	2056.8	1994.1	1925.8	1846.0
-72.5°	1680.8	1732.0	1777.6	1749.1	1726.4	1692.2	1640.9	1566.8	1492.8	1418.7	1344.6
-75°	928.7	945.8	962.9	957.2	957.2	957.2	957.2	962.9	951.5	934.4	900.2
-77.5°	712.2	735.0	752.1	763.5	780.6	803.4	820.4	792.0	763.5	735.0	700.8
-80°	558.4	581.1	598.2	660.9	706.5	757.8	792.0	752.1	712.2	678.0	649.5
-82.5°	421.6	438.7	455.8	490.0	512.8	541.3	564.1	564.1	558.4	552.7	535.6
-85°	307.7	330.5	353.2	364.6	381.7	381.7	387.4	364.6	341.9	324.8	302.0
-87.5°	176.6	182.3	182.3	182.3	188.0	188.0	188.0	176.6	170.9	159.5	153.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	5.7	5.7	11.4	11.4	17.1	17.1	22.8	22.8	28.5	28.5
85°	34.2	34.2	34.2	39.9	39.9	45.6	51.3	57.0	62.7	62.7	68.4
82.5°	57.0	62.7	68.4	74.1	79.8	85.5	91.2	96.9	114.0	125.3	131.0
80°	57.0	62.7	79.8	91.2	102.6	114.0	114.0	114.0	114.0	119.6	131.0
77.5°	39.9	45.6	51.3	62.7	91.2	114.0	131.0	142.4	131.0	125.3	114.0
75°	22.8	28.5	34.2	39.9	57.0	79.8	108.3	136.7	159.5	153.8	142.4
72.5°	22.8	22.8	28.5	34.2	39.9	45.6	51.3	79.8	114.0	142.4	159.5
70°	22.8	28.5	28.5	34.2	39.9	45.6	51.3	62.7	79.8	114.0	148.1
67.5°	22.8	28.5	28.5	39.9	51.3	57.0	62.7	57.0	51.3	74.1	108.3
65°	22.8	22.8	28.5	34.2	39.9	45.6	62.7	62.7	57.0	57.0	57.0
62.5°	34.2	34.2	34.2	34.2	39.9	39.9	39.9	51.3	51.3	51.3	51.3
60°	68.4	62.7	62.7	62.7	62.7	51.3	51.3	51.3	45.6	51.3	45.6
57.5°	165.2	136.7	125.3	125.3	108.3	102.6	85.5	62.7	62.7	51.3	51.3
55°	336.2	319.1	267.8	222.2	199.4	176.6	136.7	114.0	85.5	68.4	62.7
52.5°	518.5	472.9	427.3	370.3	313.4	267.8	227.9	176.6	142.4	102.6	79.8
50°	678.0	638.1	586.8	524.2	450.1	393.1	336.2	267.8	210.8	159.5	114.0
47.5°	923.0	843.2	780.6	706.5	621.0	541.3	467.2	387.4	296.3	233.6	176.6
45°	1185.1	1071.1	985.7	917.3	803.4	695.1	609.6	524.2	415.9	307.7	239.3
42.5°	1367.4	1281.9	1168.0	1076.8	974.3	860.3	746.4	655.2	541.3	415.9	307.7
40°	1464.3	1407.3	1316.1	1236.4	1128.1	1002.8	883.1	792.0	672.3	535.6	387.4
37.5°	1538.3	1509.8	1464.3	1401.6	1299.0	1150.9	1031.3	923.0	820.4	660.9	501.4
35°	1623.8	1618.1	1589.6	1561.1	1475.7	1333.2	1190.8	1065.4	940.1	792.0	615.3
32.5°	1703.6	1697.9	1680.8	1669.4	1635.2	1509.8	1356.0	1213.6	1071.1	917.3	723.6
30°	1743.4	1732.0	1732.0	1743.4	1709.3	1629.5	1515.5	1361.7	1202.2	1019.9	837.5
27.5°	1743.4	1732.0	1737.7	1754.8	1749.1	1709.3	1623.8	1498.4	1321.8	1116.7	940.1
25°	1669.4	1726.4	1726.4	1749.1	1754.8	1743.4	1697.9	1618.1	1435.8	1219.3	1019.9
22.5°	1566.8	1703.6	1754.8	1749.1	1754.8	1783.3	1789.0	1715.0	1544.0	1321.8	1099.6
20°	1566.8	1663.7	1811.8	1771.9	1783.3	1846.0	1874.5	1811.8	1658.0	1418.7	1179.4
17.5°	1601.0	1663.7	1789.0	1851.7	1868.8	1920.1	1965.6	1925.8	1760.5	1521.2	1287.6
15°	1697.9	1686.5	1771.9	1925.8	1954.3	1994.1	2045.4	1999.8	1851.7	1635.2	1390.2
12.5°	1766.2	1703.6	1771.9	1937.2	2028.3	2068.2	2085.3	2051.1	1931.5	1737.7	1492.8
10°	1857.4	1749.1	1783.3	1925.8	2056.8	2085.3	2102.4	2091.0	2005.5	1823.2	1583.9
7.5°	1925.8	1771.9	1771.9	1908.7	2085.3	2108.1	2119.5	2130.9	2068.2	1897.3	1663.7
5°	1954.3	1771.9	1760.5	1891.6	2113.8	2136.6	2136.6	2153.7	2113.8	1954.3	1720.7
2.5°	1959.9	1766.2	1749.1	1880.2	2165.1	2165.1	2153.7	2170.8	2148.0	1988.4	1760.5
0°	1988.4	1760.5	1743.4	1897.3	2222.0	2199.2	2170.8	2176.5	2165.1	2005.5	1783.3
-2.5°	1988.4	1789.0	1766.2	1908.7	2216.3	2210.6	2199.2	2204.9	2193.5	2056.8	1828.9
-5°	2016.9	1828.9	1806.1	1959.9	2210.6	2227.7	2233.4	2233.4	2216.3	2091.0	1857.4
-7.5°	2022.6	1857.4	1851.7	2011.2	2222.0	2250.5	2267.6	2279.0	2244.8	2113.8	1880.2
-10°	1994.1	1868.8	1897.3	2073.9	2233.4	2273.3	2307.5	2324.6	2267.6	2125.2	1891.6
-12.5°	1931.5	1868.8	1942.9	2153.7	2261.9	2307.5	2358.8	2364.5	2290.4	2130.9	1897.3
-15°	1925.8	1914.4	2022.6	2233.4	2279.0	2336.0	2415.8	2398.7	2307.5	2130.9	1897.3
-17.5°	1920.1	1977.0	2142.3	2261.9	2307.5	2370.2	2432.8	2415.8	2318.9	2130.9	1885.9
-20°	1971.3	2079.6	2284.7	2290.4	2341.7	2410.1	2444.2	2410.1	2301.8	2113.8	1868.8



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CATALOG NUMBER: IFLD-L-SA8D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2056.8	2261.9	2330.3	2353.1	2398.7	2449.9	2467.0	2415.8	2284.7	2085.3	1840.3
-25°	2273.3	2375.9	2375.9	2427.1	2472.7	2495.5	2478.4	2421.4	2261.9	2056.8	1811.8
-27.5°	2438.5	2432.8	2461.3	2512.6	2552.5	2552.5	2506.9	2393.0	2227.7	2028.3	1771.9
-30°	2501.2	2506.9	2546.8	2603.8	2615.2	2586.7	2518.3	2370.2	2199.2	1982.7	1720.7
-32.5°	2563.9	2586.7	2638.0	2666.4	2672.1	2615.2	2489.8	2330.3	2153.7	1931.5	1663.7
-35°	2638.0	2683.5	2712.0	2717.7	2689.2	2592.4	2449.9	2279.0	2085.3	1857.4	1612.4
-37.5°	2734.8	2757.6	2774.7	2751.9	2672.1	2558.2	2381.6	2210.6	2022.6	1777.6	1538.3
-40°	2797.5	2808.9	2814.6	2740.5	2643.7	2478.4	2307.5	2130.9	1914.4	1686.5	1458.6
-42.5°	2837.4	2826.0	2780.4	2700.6	2558.2	2398.7	2233.4	2034.0	1817.5	1595.3	1373.1
-45°	2826.0	2786.1	2717.7	2620.9	2472.7	2313.2	2119.5	1920.1	1715.0	1498.4	1276.2
-47.5°	2780.4	2717.7	2632.3	2518.3	2381.6	2187.9	1994.1	1800.4	1601.0	1390.2	1185.1
-50°	2723.4	2649.4	2546.8	2404.4	2222.0	2045.4	1868.8	1680.8	1475.7	1281.9	1099.6
-52.5°	2660.7	2581.0	2449.9	2290.4	2091.0	1908.7	1737.7	1555.4	1367.4	1185.1	1025.6
-55°	2592.4	2512.6	2364.5	2182.2	1982.7	1783.3	1618.1	1464.3	1281.9	1105.3	962.9
-57.5°	2558.2	2455.6	2301.8	2119.5	1908.7	1703.6	1561.1	1395.9	1230.7	1048.3	911.6
-60°	2529.7	2427.1	2284.7	2073.9	1874.5	1680.8	1515.5	1356.0	1179.4	1008.5	871.7
-62.5°	2449.9	2341.7	2210.6	2005.5	1811.8	1635.2	1487.1	1299.0	1128.1	968.6	843.2
-65°	2290.4	2176.5	2062.5	1880.2	1703.6	1538.3	1390.2	1219.3	1059.7	923.0	814.7
-67.5°	2039.7	1942.9	1840.3	1686.5	1538.3	1390.2	1253.5	1105.3	974.3	877.4	820.4
-70°	1760.5	1658.0	1555.4	1430.1	1304.7	1185.1	1076.8	968.6	883.1	831.8	786.3
-72.5°	1281.9	1236.4	1185.1	1088.2	985.7	911.6	860.3	814.7	752.1	706.5	678.0
-75°	854.6	792.0	712.2	678.0	683.7	672.3	643.8	609.6	581.1	564.1	524.2
-77.5°	666.6	632.4	592.5	552.7	535.6	518.5	495.7	467.2	444.4	404.5	347.5
-80°	615.3	586.8	558.4	529.9	501.4	461.5	415.9	370.3	347.5	330.5	324.8
-82.5°	507.1	472.9	438.7	410.2	370.3	341.9	313.4	290.6	290.6	284.9	279.2
-85°	290.6	279.2	262.1	250.7	239.3	222.2	205.1	193.7	188.0	182.3	176.6
-87.5°	148.1	142.4	131.0	125.3	119.6	114.0	102.6	96.9	91.2	91.2	85.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA8D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.5	28.5	22.8	22.8	22.8	17.1	11.4	11.4	5.7	5.7	0.0
85°	68.4	57.0	51.3	45.6	45.6	34.2	22.8	17.1	11.4	5.7	5.7
82.5°	131.0	114.0	96.9	85.5	68.4	51.3	39.9	28.5	17.1	11.4	5.7
80°	148.1	148.1	142.4	119.6	96.9	74.1	51.3	34.2	22.8	17.1	11.4
77.5°	114.0	125.3	125.3	125.3	119.6	91.2	62.7	39.9	22.8	17.1	11.4
75°	131.0	114.0	108.3	114.0	108.3	91.2	74.1	45.6	28.5	22.8	11.4
72.5°	159.5	136.7	119.6	114.0	102.6	85.5	68.4	51.3	28.5	22.8	17.1
70°	148.1	142.4	131.0	119.6	102.6	85.5	68.4	51.3	34.2	22.8	17.1
67.5°	131.0	131.0	131.0	119.6	102.6	79.8	62.7	45.6	34.2	22.8	17.1
65°	91.2	108.3	119.6	114.0	102.6	79.8	62.7	45.6	34.2	28.5	17.1
62.5°	57.0	74.1	96.9	108.3	96.9	79.8	57.0	45.6	34.2	28.5	17.1
60°	51.3	57.0	68.4	85.5	91.2	74.1	57.0	39.9	34.2	28.5	17.1
57.5°	51.3	51.3	57.0	68.4	74.1	68.4	51.3	34.2	34.2	28.5	22.8
55°	57.0	51.3	51.3	57.0	62.7	62.7	51.3	34.2	34.2	28.5	22.8
52.5°	68.4	57.0	51.3	51.3	51.3	57.0	45.6	34.2	34.2	28.5	22.8
50°	85.5	68.4	62.7	51.3	51.3	51.3	45.6	34.2	28.5	28.5	22.8
47.5°	114.0	91.2	68.4	62.7	51.3	45.6	39.9	34.2	28.5	28.5	22.8
45°	170.9	108.3	91.2	68.4	57.0	51.3	45.6	34.2	28.5	28.5	22.8
42.5°	233.6	159.5	114.0	79.8	62.7	51.3	45.6	39.9	28.5	28.5	22.8
40°	296.3	216.5	142.4	102.6	74.1	57.0	45.6	39.9	34.2	28.5	22.8
37.5°	364.6	267.8	188.0	131.0	85.5	62.7	51.3	39.9	34.2	28.5	22.8
35°	450.1	336.2	233.6	159.5	102.6	74.1	57.0	39.9	34.2	28.5	22.8
32.5°	547.0	398.8	279.2	193.7	131.0	91.2	62.7	45.6	34.2	28.5	22.8
30°	638.1	472.9	330.5	233.6	159.5	102.6	68.4	45.6	34.2	28.5	17.1
27.5°	729.3	547.0	393.1	273.5	193.7	119.6	74.1	51.3	34.2	28.5	22.8
25°	820.4	621.0	455.8	313.4	222.2	142.4	91.2	57.0	34.2	28.5	22.8
22.5°	900.2	695.1	512.8	358.9	256.4	165.2	102.6	62.7	39.9	28.5	22.8
20°	991.4	774.9	575.5	410.2	284.9	188.0	114.0	68.4	39.9	28.5	22.8
17.5°	1076.8	854.6	638.1	455.8	319.1	210.8	131.0	74.1	45.6	28.5	22.8
15°	1162.3	928.7	695.1	501.4	353.2	233.6	142.4	79.8	51.3	28.5	22.8
12.5°	1242.1	997.1	746.4	541.3	381.7	256.4	153.8	85.5	57.0	28.5	22.8
10°	1316.1	1059.7	797.7	575.5	410.2	273.5	165.2	96.9	62.7	28.5	22.8
7.5°	1390.2	1111.0	837.5	609.6	444.4	296.3	176.6	102.6	68.4	34.2	22.8
5°	1435.8	1156.6	871.7	638.1	472.9	319.1	188.0	108.3	74.1	34.2	22.8
2.5°	1475.7	1190.8	894.5	666.6	501.4	336.2	188.0	114.0	79.8	34.2	22.8
0°	1498.4	1213.6	911.6	683.7	524.2	347.5	193.7	119.6	85.5	34.2	22.8
-2.5°	1549.7	1253.5	951.5	706.5	547.0	381.7	205.1	125.3	91.2	39.9	22.8
-5°	1583.9	1276.2	980.0	729.3	564.1	415.9	222.2	136.7	102.6	51.3	28.5
-7.5°	1612.4	1299.0	1002.8	740.7	581.1	427.3	227.9	142.4	108.3	57.0	28.5
-10°	1618.1	1310.4	1019.9	757.8	592.5	444.4	233.6	148.1	114.0	62.7	28.5
-12.5°	1623.8	1321.8	1025.6	769.2	603.9	455.8	239.3	153.8	119.6	68.4	28.5
-15°	1618.1	1316.1	1025.6	780.6	609.6	444.4	250.7	159.5	125.3	74.1	28.5
-17.5°	1606.7	1310.4	1019.9	774.9	603.9	433.0	256.4	170.9	125.3	79.8	34.2
-20°	1589.6	1293.3	1008.5	769.2	598.2	421.6	262.1	176.6	131.0	79.8	34.2



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CATALOG NUMBER: IFLD-L-SA8D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1561.1	1264.9	985.7	752.1	586.8	410.2	262.1	188.0	136.7	79.8	34.2
-25°	1526.9	1236.4	962.9	729.3	569.8	393.1	262.1	193.7	142.4	79.8	34.2
-27.5°	1487.1	1207.9	928.7	712.2	547.0	381.7	262.1	199.4	148.1	79.8	34.2
-30°	1441.5	1168.0	900.2	683.7	529.9	381.7	267.8	205.1	153.8	79.8	34.2
-32.5°	1395.9	1128.1	866.0	660.9	507.1	376.0	267.8	210.8	159.5	74.1	39.9
-35°	1344.6	1082.5	837.5	643.8	490.0	364.6	273.5	210.8	153.8	74.1	39.9
-37.5°	1281.9	1025.6	809.0	626.7	478.6	353.2	273.5	216.5	148.1	74.1	39.9
-40°	1213.6	980.0	774.9	603.9	461.5	347.5	273.5	216.5	142.4	74.1	45.6
-42.5°	1139.5	928.7	740.7	581.1	444.4	341.9	273.5	216.5	136.7	74.1	45.6
-45°	1071.1	877.4	700.8	552.7	427.3	341.9	273.5	210.8	125.3	79.8	45.6
-47.5°	997.1	820.4	655.2	524.2	421.6	336.2	267.8	199.4	114.0	79.8	45.6
-50°	934.4	763.5	621.0	495.7	410.2	341.9	273.5	182.3	114.0	79.8	45.6
-52.5°	871.7	723.6	581.1	484.3	398.8	347.5	267.8	170.9	114.0	79.8	45.6
-55°	820.4	683.7	558.4	467.2	410.2	358.9	256.4	153.8	114.0	79.8	45.6
-57.5°	780.6	660.9	541.3	472.9	427.3	347.5	239.3	148.1	114.0	74.1	45.6
-60°	752.1	638.1	547.0	495.7	433.0	330.5	227.9	148.1	114.0	74.1	39.9
-62.5°	729.3	643.8	575.5	512.8	410.2	307.7	216.5	148.1	102.6	68.4	39.9
-65°	735.0	666.6	586.8	490.0	393.1	284.9	199.4	142.4	96.9	62.7	39.9
-67.5°	752.1	649.5	552.7	461.5	353.2	256.4	182.3	131.0	91.2	62.7	39.9
-70°	695.1	598.2	501.4	393.1	302.0	222.2	170.9	119.6	79.8	57.0	39.9
-72.5°	626.7	501.4	398.8	319.1	256.4	205.1	153.8	108.3	74.1	51.3	34.2
-75°	455.8	364.6	296.3	267.8	227.9	182.3	136.7	96.9	68.4	51.3	34.2
-77.5°	324.8	302.0	273.5	245.0	205.1	159.5	119.6	91.2	62.7	45.6	28.5
-80°	319.1	290.6	256.4	210.8	170.9	136.7	102.6	79.8	57.0	39.9	22.8
-82.5°	267.8	227.9	193.7	159.5	131.0	108.3	85.5	62.7	45.6	28.5	17.1
-85°	165.2	142.4	125.3	108.3	91.2	74.1	57.0	39.9	28.5	17.1	11.4
-87.5°	79.8	74.1	62.7	51.3	45.6	34.2	28.5	22.8	17.1	11.4	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA8D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	5.7	0.0	0.0	0.0
80°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	11.4	5.7	5.7	0.0
67.5°	11.4	5.7	5.7	0.0
65°	11.4	5.7	5.7	0.0
62.5°	11.4	5.7	5.7	0.0
60°	11.4	5.7	5.7	0.0
57.5°	11.4	5.7	5.7	0.0
55°	11.4	5.7	5.7	0.0
52.5°	11.4	5.7	5.7	0.0
50°	11.4	5.7	5.7	0.0
47.5°	11.4	11.4	5.7	0.0
45°	11.4	11.4	5.7	0.0
42.5°	11.4	11.4	5.7	0.0
40°	11.4	11.4	5.7	0.0
37.5°	11.4	11.4	5.7	0.0
35°	11.4	11.4	5.7	0.0
32.5°	17.1	11.4	5.7	0.0
30°	17.1	11.4	11.4	0.0
27.5°	17.1	11.4	11.4	0.0
25°	17.1	11.4	11.4	0.0
22.5°	17.1	11.4	11.4	0.0
20°	17.1	11.4	11.4	0.0
17.5°	17.1	11.4	11.4	0.0
15°	17.1	11.4	11.4	0.0
12.5°	17.1	11.4	11.4	0.0
10°	17.1	11.4	11.4	0.0
7.5°	17.1	11.4	11.4	0.0
5°	17.1	11.4	11.4	0.0
2.5°	17.1	11.4	11.4	0.0
0°	17.1	11.4	11.4	0.0
-2.5°	17.1	11.4	11.4	0.0
-5°	17.1	11.4	11.4	0.0
-7.5°	17.1	11.4	11.4	0.0
-10°	17.1	11.4	11.4	0.0
-12.5°	22.8	11.4	11.4	0.0
-15°	22.8	11.4	11.4	0.0
-17.5°	22.8	11.4	11.4	0.0
-20°	22.8	11.4	11.4	0.0

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CATALOG NUMBER: IFLD-L-SA8D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.8	11.4	11.4	0.0
-25°	22.8	11.4	11.4	0.0
-27.5°	22.8	11.4	11.4	0.0
-30°	22.8	11.4	11.4	0.0
-32.5°	22.8	11.4	11.4	0.0
-35°	22.8	11.4	11.4	0.0
-37.5°	22.8	11.4	11.4	0.0
-40°	22.8	11.4	11.4	0.0
-42.5°	17.1	11.4	5.7	0.0
-45°	22.8	11.4	5.7	0.0
-47.5°	22.8	11.4	5.7	0.0
-50°	22.8	11.4	5.7	0.0
-52.5°	22.8	11.4	5.7	0.0
-55°	22.8	11.4	5.7	0.0
-57.5°	22.8	11.4	5.7	0.0
-60°	22.8	11.4	5.7	0.0
-62.5°	22.8	11.4	5.7	0.0
-65°	22.8	11.4	5.7	0.0
-67.5°	22.8	11.4	5.7	0.0
-70°	22.8	5.7	5.7	0.0
-72.5°	17.1	5.7	5.7	0.0
-75°	17.1	5.7	5.7	0.0
-77.5°	11.4	5.7	0.0	0.0
-80°	11.4	5.7	0.0	0.0
-82.5°	11.4	5.7	0.0	0.0
-85°	5.7	0.0	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)